



*Samsung created the DynaSound™ 20" TV to be the perfect television for playing video games. As a built-in compact home theater, the TXN2036F offers the highest quality audio to compliment the outstanding picture. The DynaSound™ TXN2036F delivers 20 watts of stereo sound from an exclusive combination of speakers, and cabinet construction, enabling the television to outperform anything in its class. The compact 20" Samsung DynaFlat™ anti-distortion, anti-glare flat picture tube is easier on the eyes. The right connections are included from DVD component inputs, front composite A/Vs, 2 sets of rear A/V jacks, and of course an S-Video connection. Grab a controller and let the games begin. Start the movie and get swept away. Feel the difference 20 inches of picture makes with 20 watts of audio in a DynaSound™ all-in-one home entertainment TV.*

# flat TXN2036F

## 20" DynaSound™ TV Ideal for Gamers and Mini Home Theater Enthusiasts

### TV/VIDEO

- DynaFlat™ TV Anti-Distortion, Anti-Glare Flat Picture Tube
- Full Sounding Side Speaker Design in Silver Cabinet
- DynaSound™ Audio System - Ideal for Gamers and Compact Home Theater Enthusiasts
- Velocity Scan Modulation Improves Edge Detail
- 2-Line Digital Comb Filter
- Color Temperature Adjustments
- INVAR Shadow Mask
- Universal Remote Control
- Convenient Front Panel Control Key Buttons for Accessing Menu Settings Without the Remote
- Normal & Zoom Screen Filling Modes

### AUDIO

- Stereo Broadcast Reception
- 20-Watt Side Speaker DynaSound™ Stereo Audio System
- DynaSound™ High Performance Speakers
- Sound Enhancement Modes Including Standard, Movie, Music, Speech, & Custom
- Turbo Sound

### CONNECTIONS

- DVD Component Input 480i (Y/Pb/Pr)
- 2 Rear A/V Composite Inputs
- S-Video Input Jack
- Fixed Audio & Video Outputs
- Front A/V Input (For A Game Console, a Camcorder, or Other Quick Connect Components)



**DYNAFLAT**

**DYNA SOUND**

# flat TXN2036F

## 20" DynaSound™ TV Ideal for Gamers and Mini Home Theater Enthusiasts



Universal Remote

Front Jack Panel



Rear Jack Panel



### TV/VIDEO

#### 4:3 Aspect Ratio

#### Display Format 480i Interlaced

#### Full Sounding Side Speaker Design

(Silver Cabinet)

#### DynaFlat™ TV Anti-Distortion,

#### Anti-Glare Flat Picture Tube

**2-Line Digital Comb Filter** minimizes edge image artifacts while improving transition detail.

#### Maximum of 500 Lines Horizontal Resolution

**Velocity Scan Modulation** sharply defines edges and outlines by controlling the speed of transitions between the black and white portions of the signal.

**INVAR Shadow Mask:** An alloy material used for consistency of focus and brightness without sacrificing color purity.

**Color Temperature Controls** – Normal, Warm and Cool selectable with On-Screen Display.

**4 Video Presets** optimize the picture for the type of program being watched. Presets: Standard/Dynamic/Movie/Custom with user adjustable brightness, contrast, sharpness, color, and tint.

**Dark Tint Picture Tube** minimizes reflections and improves colors and picture contrast.

**Dynamic Black Level Expansion & White Peak Limiter** further improves picture contrast.

**Auto Kine Aging Bias** automatically regulates the white balance to maintain consistent, optimal performance even after many years of use.

**Digital Video Noise Reduction** can be used to improve picture quality.

#### 181-Channel Synthesized Tuning

**Tilt Correction** allows for picture adjustments due to Earth's magnetic field.

**Digital Chassis** increases overall reliability.

### CONVENIENCE

**Convenient Front Panel Control Key Buttons** for accessing menu settings without the remote.

**Universal Remote** controls most brands of VCRs, DVD players and cable boxes.

**Remote Surf™ Timer** returns TV to original channel so other channels can be browsed during commercial breaks.

**Previous Channel** button permits switching back and forth between two channels.

**Variable Sleep Timer** to turn the TV off in varying time intervals.

**CaptionVision (CC)**<sup>1</sup> displays dialog that can be read along with encoded broadcast TV programs and pre-recorded videos.

**V-Chip System**<sup>1</sup> allows blocking of rated TV and movie programs determined by the parent to contain objectionable content.

**Easy Navigation with an On-Screen Menu Display** that allows the user to make control setting adjustments.

**Trilingual On-Screen Display** English, Spanish or French.

**Screen Filling Picture Modes:** Normal and Zoom allows custom screen image fitting.

**Plug & Play Setup** uses automation and simple menus to select the source (broadcast or cable), set the clock, and map the active channels.

**Auto Channel Programming** memorizes only active broadcast and cable channels. Manual add/delete option included.

**Clock with On/Off Timer.**

**Channel Labeling** assign on-screen channel labels (e.g.-NBC, ESPN, VH-1).

**Non-Volatile Memory** preserves audio, video and menu settings during power outages.

**Self Diagnostic System** displays help messages to facilitate proper set-up and operation.

### AUDIO

**Stereo Broadcast Reception** (MTS and SAP)

**DynaSound™ Unique Design & Multiple Speaker Drivers** deliver an outstanding full soundstage.

**20-Watt Total Audio Sound System Surround Sound Mode**

**Preset Sound Modes** include Standard, Movie, Music, Speech (focuses on dialog and reduces background), and Custom (allows detailed sound adjustments).

**Second Audio Program (SAP)** capability.

**Auto Volume Leveler** keeps audio volume consistent during channel changing.

**Turbo Sound** boosts high and low frequencies.

### CONNECTIONS

**DVD Component Input 480i** (Y/Pb/Pr) connections allows for the best quality video hook up of a DVD Player. (Shared with S-Video and A/V composite input.)

**S-Video Input** : 1 Rear

**A/V Fixed Monitor Output:** 1 Rear

**Front A/V Input** (For A Game Console, a Camcorder, or Other Quick Connect Components.)

### 2 Sets of A/V Composite Inputs: 2

Rear

**Stereo Headphone Jack:** Front

**RF Input:** Rear

### QUALITY

**Warranty:** 1 year parts and 90 days labor warranty (90 days parts and labor for commercial use), backed by Samsung toll-free support.

**Energy Star Compliant**<sup>2</sup> reduces energy consumption by up to 25% compared with standard TVs.

### SPECIFICATIONS

**Picture Tube:** 20" CRT measured diagonally

**TV System:** American NTSC standard color

**Channel Coverage:** VHF 2-13, UHF 14-69,

CATV 1-125 (up to 181 pre-selected channels)

**Antenna:** CATV/VHF/UHF 75-ohm, F-type"

**Audio Power:** 10W x 2

**Power Requirements:** 120W AC, 60Hz

**Power Consumption:** 90W  
(2.6W standby)

### NET DIMENSIONS AND WEIGHT (WxHxD)

**Monitor:** 25.9" x 18.6" x 19.2"

**Monitor Weight:** 56.2 lbs.

### SHIPPING INFORMATION (WxHxD)

**Monitor:** 29.1" x 23.2" x 22.8"

**Monitor Weight:** 65 lbs.

### MONITOR

**UPC:** 036725220041

**Order Code:** TXN2036FX/XAA

<sup>1</sup>Feature dependent upon broadcasting of information by local off-air TV and cable channels.

<sup>2</sup>An Energy Star partner, Samsung has determined that this product meets the Energy Star guidelines for energy efficiency. Energy Star is a registered trademark of the U.S. Environmental Protection Agency.

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